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सत्यमेव जयते

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 17th July 1993

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234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 17 जुलाई 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिसे"

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिकाय तथा एमिनदिवि द्वीप ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

THE PATENT OFFICE

CORRIGENDUM

In the Gazette of India Part III. Sec.-2, dated the 15th June, 1991, page-661. Col. 2, for application for Patent No. 59/Bom/89 filed on 7th March, 1989, *read* the applicants as MOHAN MAHADEV GUPTA *instead* of MOHAN MAHADEV GUPTE.

In the Gazette of India Part III, Sec. 2, dated the 29th June, 1991, page-731, Col. 2, for application for Patent No. 688/Del/87 filed on 6th August, 1987 *read* the applicants as PFIZER INC. *instead* of PRIZER INC.

In the Gazette of India, Part III, Sec. 2, dated the 27th July, 1991, page 823, Col. 2. for application for Patent No. 314/Cal/88 filed on 19th April, 1988 *read* the applicants as DEGUSSA AKTIENGESELLSCHAFT *instead* of DEGUSA AKTIENGESELLCHAFT.

In the Gazette of India, Part III, Sec. 2, dated the 7th September, 1991 (b) page-970, Col. 2, for application for Patent No. 931/Mas/86 filed on 2nd December, 1986 *read* the applicants as PREFORMED LINE PRODUCTS COMPANY *instead* of PREFORMED LINEL PRODUCTS COMPANY.

(b) In page-976, Col. 1 for application for Patent No. 274/Del/88 filed on 5th April, 1988 *read* the applicants as THE B. F. GOODRICH COMPANY *instead* of B. E. GOODRICH COMPANY.

In the Gazette of India, Part III, Sec. 2, dated the 14th September, 1991, page-1035, Col. 2 for application for Patent No. 924/Del/86 filed on 20th October, 1986 *read* the applicants as THE BRITISH PETROLEUM COMPANY PLC. *instead* of THE BRITISH PETROLEOM COMPANY.

In the Gazette of India Part III, Sec. 2, dated the 21st September, 1991 (a) In page-1061, Col. 1, for application for Patent No. 1011/Mas/86 filed on 24th December 1986 *read* the accepted No. 169283.

(b) In page 1061, Col. 2, for application for Patent No. 1022/Mas/86 filed on 30th December, 1991 *read* the accepted No. as 169284 *instead* of 169283.

(c) In page-1063, Col. 1, for application for Patent No. 12/Mas/87 filed on 9th January, 1987 *read* the accepted No. as 169285.

(d) In page-1063, Col. 1 for application for Patent No 148/Mas/89 filed on 23rd February, 1989 *read* the accepted No. as 169286.

(e) In page-1063, Col. 2, for application for Patent No. 256/Mas 86 filed on 6th April, 1987 *read* the accepted No. as 167287.

(f) In page-1064, Col. 1, for application for Patent No. 287/Mas/87 filed on 15th April, 1987 *read* the accepted No. as 169288.

(g) In page-1065, Col. 1 for application for Patent No. 290/Mas/87 filed on 20th April, 1987 *read* the accepted No. 169289.

(h) In page-1065, Col. 2, for application for Patent No. 304/Mas/87 filed on 28th April 1987 *read* the accepted No. as 169290.

(i) In page-1066, Col. 2, for application for Patent No. 986/Mas/86 filed on 17th December, 1986 *read* the accepted No. as 169293.

In the Gazette of India, Part III, Sec. 2, dated the 28th September, 1991 (a) page-1092, Col. 2, for application for Patent No .946/Cal/87 filed on 2nd December, 1987 *read* the accepted No. as 169333.

(b) In page-1092, Col. 2, for application for Patent No. 377/Cal/88 filed on 9th May, 1988 *read* the accepted No. as 169334.

(c) In page-1099, Col.1, for application for Patent No. 238/Mas/87 filed on 2nd April, 1987 *read* the accepted No. as 169346.

(d) In page-1099, Col. 1, for application for Patent No. 239/Mas/87 filed on 2nd April 1987 *read* the accepted No. as 169347.

(e) In page-1100, Col. 1, for application for Patent No. 242/Mas/87 filed on 3rd April, 1987 *read* the accepted No. as 169348.

(f) In page 1100, Col. for application for Patent No. 266/Mas/87 filed on 8th April, 1987 *read* the accepted No. as 169349.

(g) In page-1100, Col. 2, for application for Patent No. 271/Mas/87 filed on 10th April, 1987 *read* the accepted No. as 169350.

(h) In page-1101, Col. 1 for application for Patent No. 299/Mas/87 filed on 23rd April, 1987 *read* the accepted No. as 169351.

(i) In page-1101, Col. 1, for application for Patent No. 307/Mas/87 filed on 29th April, 1987 *read* the accepted No. as 169352.

(j) In page-1101, Col. 2, for application for Patent No. 309/Mas/87 filed on 30th April, 1987 *read* the accepted No. as 169353 *instead* of 169352.

ALTERATION OF ADDRESSES

The adresses of principal place of business of entries in the Register of Patent Agents of the following persons have been altered under Rule 103 of the Patents Rules, 1972.

1.Robert Gelson DePenning,
M/s. DePenning & DePenning,
31, South Bank Road,
Madras-600 028.

2. Raghavan Ravindran Nair,
M/s. DePenning & DePenning,
31, South Bank Road,
Madras-600 028.

3. M. Venugopal Menon,
M/s. DePenning & DePenning,
31, South Bank Road,
Madras-600 028.

Calcutta, the 17th July 1993

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20

The dated shown in the crescent branch are the dates claimed under Section 135, of the Patents Act, 1970.

The 03rd June 1993

308/Cal/93 Bekum Maschinenfabriken GMBH. Method and apparatus for heating preform blanks composed of partly crystalline synthetic resins produced by injection molding.

The 04th June 1993

309/Cal/93 Hitek Fine Chemicals Pvt. Ltd. Cement based paint and finishing compositions and method of making.

310/Cal/93 Siemens Solar Industries International, Inc. Photovoltaic module with specular reflector.

311/Cal/93 Dyckerhoff & Widmann Aktiengesellschaft. A method of producing prefabricated components from pretensioned prestressed concrete, in particular prestressed concrete sleepers and an apparatus for carrying out this method.

312/Cal/93 Jean Frederic Melchior. Induction method for A compression-ignition internal combustion engine.

The 08th June 1993

313/Cal/93 Hoppe AG. Latch and lock system. [Convention application No. 92109679.8 date 09/06/1992, Switzerland.]

314/Cal/93 Hoechst Aktiengesellschaft. Water-soluble disazo compounds. A process for their preparation and their use as dyes.

315/Cal/93 Hoechst Aktiengesellschaft. Process for the production of a fiber material and process for the dyeing of the modified fiber material with anionic textile dyes.

316/Cal/93 Siemens Aktiengesellschaft. Removal of Lubricant from a bearing arrangement.

317/Cal/93 Hamatech Halbleiter-Maschinenbau Und Technologie GMBH. Device for lacquering or coating of plates or disks.

The 09th June 1993

318/Cal/93 Sumitomo Chemical Company, Limited. Reactive dye composition and dyeing or printing process using the same.

319/Cal/93 7. ABB Lummus Crest Inc., 2. Nitrocarbono S.A. Initiated Peroxidation of secondary carbon in Alkanes and cycloalkanes.

The 10th June 1993

320/Cal/93 Sunkyong Industries Ltd. Process for preparing dihalogenodiamine platinum (II) complex. (Devided out of No. 131/Cal/92 dated 27-02-92.)

321/Cal/93 Sunkyong Industries Ltd. Process for preparing platinum (II) complex compound. (Devided out of No. 131/Cal/92 dated 27-02-92.)

322/Cal/93 Clear Cut Limited. A penetrated tool system.

The 11th June 1993

323/Cal/93 Islam Sayeed and Abdul Rab Sayeed. An assembly for selfpropelled mechanised loading of heavy material such as rails on load carrying body such as wagon.

324/Cal/93 Fritz Stahlecker and Hans Stahlecker. A process and an arrangement for the spinning of yarn.

325/Cal/93 Chitta Ranjan Mukherjee. Flying pedalled cycle.

The 14th June 1993

326/Cal/93 Siemens Aktiengesellschaft. Inspection of a dynamoelectric machine in a gap between a stator and a rotor.

327/Cal/93 J. M. Voith GMBH. Procedure for the optimization of the efficiency of a machine set with a turbine and a generator.

328/Cal/93 Fiberweb North America, Inc. Composite nonwoven fabric and method of making same.

329/Cal/93. M/s. Goodricke Group Limited. The production of humic acid bio-fertilizer from tea residues.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-110 005

The 22nd February 1993

160/Del/93. Carrier Corporation. "Method and apparatus for oil pump pressure control".

161/Del/93 Zeneca Limited. "Polycyclic Dyes".

The 23rd February 1993

162/Del/93 Guardian Industries Corp. "High visible, low UV and low IR Transmittance green glass composition".

163/Del/93 Guardian Industries Corp. "High performance, durable, low-E glass and method of making same".

164/Del/93 Francois Chaygneaud-Dupuy. "A foldable box comprising an inner soft casing with a spout which can be closed again".

165/Del/93 Armorvision Plastics & Glass. "Bullet-Resistant transparent panel, and method and press for making same".

166/Del/93 Shell Oil Company. "Process for preparing low density porous crosslinked polymeric materials".

The 24th February 1993

167/Del/93 The Procter & Gamble Company. "Absorbnet article with elastic waist feature and enhanced absorbency".

168/Del/93 Spartanics, Ltd. "Subliminal image modulation projection and detection system".

169/Del/93 Kverneland Klepp AS. "Hote opener for the top hole section of oil/gaswells".

The 26th February 1993

170/Del/93 Ralph A. Belden Of "Wind Turbine".

171/Del/93 Rangnath Vishnu Raskar. "A tracking system for a solar concentrator".

172/Del/93 Ramesh Kumar Paulastya, Amrik Singh and Ashok Kumar Mehta. "An improved kerosene wick lamp".

173/Del/93 Ramesh Kumar Paulastya, Amrik Singh and Ashok Kumar Mehta. "An improved kerosene wick lamp".

174/Del/93 Chief Controller, R & D. "Method for the isolation and preservation of DNA".

175/Del/93 Mohammad Shakir Qidwai. "A rope making machine".

176/Del/93 Mohammad Shakir Qidwai. "A multipurpose rope making machine".

177/Del/93 UOP. "Process for the separation of aromatic hydrocarbons with energy redistribution".

178/Del/93 Motorola Inc. "Clock recovery method and apparatus in a diversity receiver".

The 1st March 1993

179/Del/93. De La Rue Giori S. A., "Intaglio Printing Machine".

180/Del/93. Lexmark International, Inc., "Printer with flash memory".

181/Del/93 Blue Planet Technologies Co. L. P., "Catalytic Vessel".

182/Del/93. Blue Planet Technologies Co. L. P., "Catalytic Solution".

183/Del/93. Specialty Refractories, Inc., "Sprayable refractory composition".

The 2nd March 1993

184/Del/93. The Lubrizol Corporation, "Compositions containing derivatives of succinic acylating agent or hydroxyaromatic compounds and methods of using the same".

185/Del/93. The Lubrizol Corporation, "Compositions containing esters of carboxy-containing interpolymers and methods of using the same".

186/Del/93. The Lubrizol Corporation, "Water-in-oil emulsion".

187/Del/93. The Lubrizol Corporation, "Compositions containing combinations of surfactants and derivatives of succinic acylating agent or hydroxyaromatic compounds and methods of using the same".

188/Del/93. Blue Planet Technologies Co. L. P., "Catalytic solution".

The 3rd March 1993

189/Del/93. Council of Scientific and Industrial Research, "A process for the synthesis of novel water soluble copolymers for retanning chrome tanned leathers".

190/Del/93. Council of Scientific and Industrial Research, "An improved process for the manufacture of citronellal from citronella oil".

191/Del/93. Councill of Scientific and Industrial Research, "A process for the preparation of lithium stannate doped with transition metal ceramic material useful for huumidity sensors".

192/Del/93. Council of Scientific and Industrial Research, "An improved process for producing matrix board useful for making rubber stereo plate and a matrix board made thereby".

193/Del/93. Council of Scientific and Industrial Research, "A process for the dissolution of blue dust in hydrochlorke acid in presence of promoters".

194/Del/93. Council of Scientific and Industrial Research, "An improved process for the dissolution of manganese oxide ores in sulphuric acid by using pyrite as the reductant".

195/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of stabilized zircoma".

196/Del/93. Council of Scientific and Industrial Research, "An improved process for the extraction of copper from chalcopyrite".

197/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of amino acid".

198/Del/93. Council of Scientific and Industrial Research, "An improved formulation for a high dielectric strength antirust-cum-coolant fluflid for use in electric discharge and wire cut electric discharge machine".

199/Del/93. Council of Scientific and Industrial Research, "A microbial process for the production of D(—)-N-carphenylglycine from DL-5-phenylhydantoin".

200/Del/93. Honda Giken Kogyo Kabushiki Kaisha, "Scooter type vehicle".

201/Del 93 Freeport McMoran Resource Partners, Limited partnership, "Removal of aluminium contamination during production of phosphoric acid".

202/Del/93. Balcke-Durr Aktiengesellschaft, "Method of and device for utilising the residual heat of flue gas".

203/Del/93. MCNC, "Vertical microelectronic field emission devices and methods of making same".

204/Del/93. The Procter & Gamble Company. "Suds controlling compositions". Convention date 6-3-92 (U. K.).

205/Del/93. The Procter & Gamble Company. "High active detergent pastes". Convention date 10-3-92 (U.K.).

206/Del/93. The Procter & Gamble Company, "Granular detergent compositions". Convention date 10-3-92 (U.K.).

207/Del/93. The Procter & Gamble Company, "Topical aromatic releasing compositions".

208/Del/93. UOP, "Zeolite Lz-277 and process for preparing same".

209/Del/93. Gulab Wadhawan, "A dish washer".

The 4th March 1993

210/Del/93. Chemie Linz Gesellschaft M. B. H., "Process for the preparation of urea granulars coated with melamine powder".

211/Del/93. Samsonite Corporation, "Hand luggage with intelligent opening feature".

212/Del/93. Samsonite Corporation, "Wheeled flight bag with retractable pull handle".

213/Del/93. Emhart Glass Machinery Investments Inc., "Control system for glassware forming machine". Convention date 11-3-92 (U.K.).

The 5th March 1993

214/Del/93. Shriram Institute for Industrial Research, "A polymer alloy".

215/Del/93. Shriram Institute for Industrial Research, "A polymer alloy".

216/Del/93. Kraft General Foods, Inc., "Colloidal roasted coffee as aromatizer".

217/Del/93. Lenzing Aktiengesellschaft, "Process for the preparation of cellulose mouldings and also a device for carrying out the process".

The 09th March 1993

218/Del/93. Council of Scientific and Industrial Research, "A process for the preparation of novel unsymmetrical (Substituted aryl)-Pyridines as potent cardiovascular agents".
[Divisional Date 9th March, 1993].

219/Del/93. J. K. Nigam, D. A. Dabholkar and G. L. Bhalla, "A method of cleaning marble surfaces".

220/Del/93. Dekter Chemicals (I) Pvt. Ltd. R & D Department, "Solvent free synthesis of hexoses monosaccharides and the selective hydrolysis thereof".

221/Del/93. John B. Miller, "Method for increasing or decreasing bond strength between concrete and embedded steel, and for sealing the concrete-to-steel interface".

222/Del/93. John B. Miller, "Method for passivating steel in carbonated and/or chloride contiminated concrete".

223/Del/93. Richardson-Vicks, Inc., "Topical aromatic releasing compositions".

224/Del/93. Shell Internationale Research Maatschappij B. V., "A method of chemically cross-linking sterically hindered epoxidized polymers".

225/Del/93. Anatoly Filippovich Baryshev, "Locking Mechanism of small arms and artillery weapons".

226/Del/93. Unigem International, "Jewelry setting".

227/Del/93. Anjana Raina and Asis Datta of School of Life Sciences, "A Process for the isolation of DNA encoding a seed specific protein with nutritionally balanced amino composition from Amaranthus".

228/Del/93. Rohm and Haas Company, "Non removable, stain-resistant coatings".

229/Del/93. Colgate + Palmolive Company, "Continuous process for making a non-newtonian paste or cream like material".

230/Del/93. Care Medical Devices, Inc., "Medical valve".

231/Del/93. W. R. Grace & Co.-Conn., "Concrete composition having high flowability".

The 11th March 1993

232/Del/93. L. Air Liquide, Societe Anonyme Pour L'Etude ET L'Exploitation Des Procedes Georges Claude, "Process and instatllation for the transfer of liquid".

233/Del/93. Shell Internationale Research Maatschappij B. V., "Hydroxyl functional derivatives of epoxidized diene block copolymers and process for making them".

234/Del/93. The Goodyear Tire & Rubber Company, "Pneumatic radial tire having two nonmetallic chippers".

235/Del/93. The Goodyear Tire & Rubber Company, "Truck tire with split overlay".

236/Del/93. The Lubrizol Corporation, "A lubricant composition".
[Divisional Date 7th February, 1989].

The 12th March 1993

237/Del/93. The Procter & Gamble Company, "Storing and dispensing system for products packed in a sealed pouch". (Convention Date 13-03-1992). (United Kingdom).

238/Del/93. The Procter & Gamble Company, "Compositions and method for dilute cleaning of hard surfaces". (Convention Date 17th March, 92) U. K.

239/Del/93. Lungchiang Hu, "Watercool electromagnetic induction heating wok".

240/Del/93. Visage, Inc., "Method of and apparatus for touch-input computer and related display employing touch force location external to the display". (Convention Dt. 23-9-92) (United Kingdom).

241/Del/93. Gould Inc., "Drum cathode for use in the production of metal foils and a method of producing the same".

242/Del/93. Shelll Internationale Research Maatschappij B. V., "Water-based emulsions and dispersions of bitumen modified with a functionalized block copolymer".

243/Del/93. Samsonite Corporation, "Luggage with improved wheel configuration".

244/Del/93. Chemie Linz Gesellschaft M. B. H., "Apparatus for the deposition of melamine".

245/Del/93. Sandip Sureka and Jotindra Sureka, "A method for producing galvanized steel tubes".

246/Del/93. Heating Devices & Controls, "A thermostat".

The 15th March 1993

247/Del/93. The Procter & Gamble Company, "Mild shampoo and mild shampoo premix compositions and method for making mild shampoo and shampoo premix compositions".

248/Del/93. Sanford Redmond , "Stress concentrator aperture-forming means for sealed containers and packages".

249/Del/93. Ronald Geoffrey McCoy, "Shaft seal". (Convention Dt. 14th March, 1992) (United Kingdom).

250/Del/93. Bhuvan Chandra Rathor (Indian), "Autostop ultrafine microburette".

The 16th March 1993

251/Del/93. Dinkar Sahal, "An improved method for assaying pyrogens in parenteral fluids, drugs, injectables, food products, recombinant products, vaccines, medical devices, water supplies, intended for human use, using an improved preparation of amebocyte lysate of the indian horseshoe crab".

252/Del/93. Societe De Conseils De Recherches Et D'Applications Scientifiques (S.C.R.A.S.), "A process for the preparation of peptides for use in therapeutic compositions having immuno-modulatory activity". [Divisional Dt. 6th March, 1990].

252/Del/93. Rohm and Haas Company, "Polymer blends".

254/Del/93. De Beers Industrial Diamond Division (Proprietary) Limited, "Polishing pad". (Convention Dt. 16-3-92 U. K.) & (12-10-92 U. K.).

The 17th March 1993

255Del/93. Subodh Kapoor, "Micro voltage regulator".

256/Del/93. Bush House Pty. Ltd., "Collapsible container".

257/Del/93. Hitchiner Manufacturing Co. Inc., "Counter-gravity casting apparatus and method".

258/Del/93. Maschinenfabrik Sulzer-Burckhardt Ag., "An annular valve for a piston compressor".

259/Del/93. The Procter & Gamble Company, "Absorbent article comprising an elastic net-like substrate and a layer of fibers pre-bonded thereto forming a side-, Leg-, or waist portion". (Convention Dt. 224th March, 1992) (United Kingdom).

260/Del/93. The Procter & Gamble Company, "Cleansing compositions".
(Convention Dt. 25th March, 92 U. K.) & (25th January, 93 U. K.).

261/Del/93. The Procter & Gamble Company, "Fluid compositions containing polyhydroxy fatty acid amides".

The 18th March 1993

262/Del/93. The Procter & Gamble Company, "Process for preparating polyhydroxy fatty acid amide compositions".

263/Del/93. The Procter & Gamble Company, "Malodor-free personal clearing BAR composition".

264/Del/93. The Procter & Gamble Company, "Cleaning compositions with glycerol amides".

265/Del/93. The Procter & Gamble Company, "Process for reducing the levels of fatty acid contaminants in polyhydroxy fatty acid amide surfactants".

266/Del/93. UOP, "Benzene alkylation process using a fluorided silica-alumina and a linear C_n to C_{20} monoolefin".

267/Del/93. W. R. Grace & Co.-Conn., "Adsorptive removal of sulfur compounds from fatty materials".

268/Del/93. GEC Alsthom Equipments Basse Tension SA., "Electrical apparatus fitted for thermographic inspection using infrared rays".

269/Del/93. Motorola Inc., "Method and apparatus for communicating variable length messages between register modeled radio devices".

The 19th March 1993

270/Del/93. Dominique Crasset, "Device for actuating a system such as a clutch or a gearbox".

271/Del/93. Sony Corporation, "Casing for housing disc cartridge and method for packaging the casing".

ALTERATION OF DATE UNDER SECTION-16

172399 Antedated to 28th June, 1988.
(131/Cal/91)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्दश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए ।

"प्रत्येक विनिर्दश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्दशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है । विनिर्दश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्दश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Cl. : 154-D 172391

Int. Cl. : G 06 K 9/62.

APPARATUS FOR THE AUTOMATIC IDENTIFICATION OF FINGER PRINTS.

Applicant : MORPHO-SYSTEMES 36 RUE DU MONT THABOR 75001, PARIS, FRANCE.

Inventors : (1) LARCHER PHILIPPE, (2) IRIGOIN-GUICHANDUT FRANCOIS, (3) VASSY DANIEL, (4) LENCI MICHEL, (5) LONGEPIERRE PATRICK, (6) DIDIER BERNARD.

Application No. 1023/Cal/1988 filed on 13th December, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

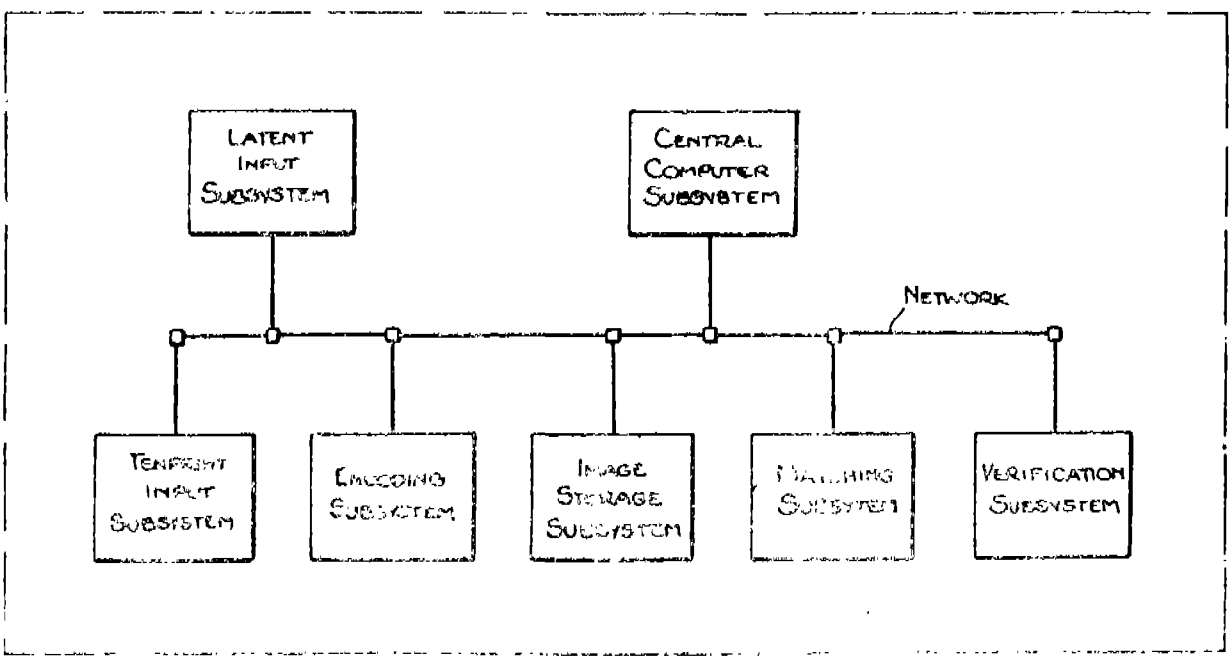
15 Claims

An improved apparatus for the automatic identification of fingerprints in which minutiae of a search print to be identified are matched with respect to their respective coordinates of location and angle against the coordinates of location and angle of minutiae of a plurality of file prints in a data base of fingerprints, in order to determine the existence or not of a match between said search print and one or more of said file prints, the improvement comprising :

(1) means for replicating at least one search print minutiae by varying at least one of its coordinates of location and angle, thereby to obtain at least one additional minutia which is different from said search print minutia in at least of said coordinates and

(2) means for incorporating said replicated minutiae in the set of search print minutiae to be compared against the minutiae of said file prints.

Fig. 1.



Compl. Speen. 55 Pages. Drgs. 16 sheets.

Cl. : 39-L 172392

Int. Cl. : B 01 J 23/70, 23/76, 23/85.

A PROCESS FOR THE MANUFACTURE OF A HIGH TEMPERATURE WATER-GAS SHIFT CATALYST.

Applicant : UNITED CATALYSTS INC., LOUISVILLE, KENTUCKY 40232, UNITED STATES OF AMERICA,

Inventors : (1) DINAH CHIEN YING HUNG HUANG, (2) JEFFREY LYNIN BRADEN.

Application No. 81/Cal/1989 filed on 25th January, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

12 Claims

A process for the manufacture of a high temperature water gas shift catalyst which comprises :

(a) dipping a tabletted iron oxide-chrome oxide catalyst in an aqueous solution of a copper salt;

(b) removing the catalyst from the solution;

(c) drying the catalyst at a temperature of about 300° to about 500°F; and

(d) calcining the catalyst at a temperature of 700° to 1000°F.

wherein step (a) is conducted using an aqueous copper salt solution so as to obtain 0.2 to 10 weight percent copper oxide on the catalyst obtained after step (d). a

Compl Speen. 16 Pages. Drgs. Nil.

Cl. : 128-F 172393

Int. Cl. A 61 M 5/32.

NEEDLE ASSEMBLY

Applicant & Inventor : DAVID JOHN DEEKS, 166 MT. ELIZA WAY, MOUNT ELIZA, VICTORIA, AUSTRALIA.

Application No. 331/Cal/1989 filed on 2nd May, 1989.

[Convention No. PI dated 06-05-1988 in Australia, Convention No. PI 9109 dated 01-07-1988 in Australia.]

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

7 Claims

A needle assembly comprising :

A hub for connection to a syringe;

a needle connected to said hub and extending outwardly from said hub, said needle having a pointed end;

a spring having a first end secured to said hub and a second end;

an end cap secured to the second end of said spring, said end cap having an aperture so that the needle can pass through said aperture and said end cap can move along said needle relative to the needle;

a first engagement member on said end cap;

at least one deformable member coupled to said hub;

a second engagement member on said deformable member for releasable engagement with said first engagement member; the arrangement being such that said end cap is capable of being retained in place at the end of the deformable member with the spring being maintained in the compressed state by engagement of the said first engagement member with said second engagement member and with the needle projecting through said aperture of the end cap, such that in the event of the said deformable member being deformed by finger pressure, the said first and second engagement members are capable of being released from one another, resulting in the said end cap being biased by the said spring to the pointed end of the needle for covering said pointed end of the needle, said spring being adapted to mechanically force said end cap to a position wherein the needle and the aperture in the end cap are not aligned with one another so that the needle cannot accidentally pass back through said aperture.

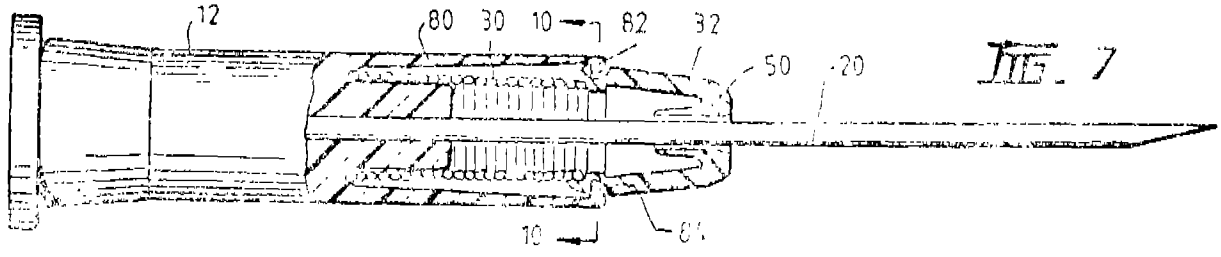


FIG. 7

Compl. Specn. 13 Pages. Drgs. 2 sheets.

Cl. : 105-C-3 172394

Int. Cl. : C 21 c 7/06, 7/076.

PROCESS FOR CONTINUOUS STEEL PRODUCTION BY HEATING STEEL MELTS IN A LADDLE AS WELL A DEVICE FOR PERFORMING THIS PROCESS.

Applicant : VOEST-ALPINE STAHL DONAWITZ GESELLSCHAFT M.B.H. A-8700 LEOBEN-DONAWITZ, PESTALOZZISTRASSE 128, AUSTRIA.

Inventors : (1) LUZIAN POCHFARSKI, (2) OTTO KOLLER.

Application No. 496/Cal/1989 filed 26th June, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

6 Claims

A process for continuous steel production such as, for example the KVA-process, wherein steel melts (10) covered with a slag (8) rich in iron oxides are heated in a ladle (5) so as to utilize the metallothermal heat characterised by injecting into the contents of the ladle a metal, such as, for example, Al, Si, their mixture or aloys, in particular FeSi optionally, pulverulent slag formers, selected from CuO, Al_2O_3, MgO SiO_2 and mixtures thereof for exothermically reacting with the oxygen of the bath and with the oxygen of the slag, said injection being carried out by means of an inert gas during the filling of the ladle (5), via nozzles (14, 16) provided in the bottom (12) of the receiving ladle (5) for the mixtures of bath and slag.

Compl. Specn. 12 Pages. Drg. .1 sheet.

Cl. : 190-C 172395

Int. Cl. F 03 B 13/22 .

A DEVICE FOR EXTRACTING KINETIC ENERGY OF WATER CURRENT AND ALSO CONTROLLING OF RIVER EROSION.

Applicant & Inventor : JATINDRA NATH BISWAS, AE-682, SALT LAKE, SECTOR-I, CALCUTTA, PINCODE 110 064, WEST BENGAL, INDIA.

Application No. 499/Cal/1989 filed on 27th June, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

3 Claims

A device for extracting Kinttic energy of water current and also controlling of river erosion comprising at least of one rotor placed vertically to the water surface and fully submerged in water current, the shaft of the rotor being firmly connected to the bottom of a conical shaped buoy-type float having adequate stability characteristics to keep alloat the rotor assembly which consists of two discs fitted on two sleeves which rotate around the shaft, set apart, one at the bottom and the other at the top end of the shaft inter-connected by sets of rods perpendicular to the two discs which work together rotating like a wheel around the shaft having proper supporting arrangement at the bottom of the shaft; the rotor being fitted with a no .of curved vanes placed vertically between the discs, with one vertical edge hinged to a rod near the centre of the rotor and the other edge being supported on another rod located at the periphery of the discs thus utilising a set of two rods for each vane to enable the vane to receive the pressure of kinetic energy of current on its concave surface and transmitting the force to the frame to rotate the wheel, with the vane itself moving thereafter to the other side of the shaft when the convex surface on the vane pushes against the current exerting a restraining force on the rotational movement of the rotor, but the vane having flat valves through out its entire surface which open up when the vane moves against the current (but close while

receiving the current on its concave surface) mostly eliminating the restraining force on the rotor thus improving the efficiency of the rotor in capturing the current energy.

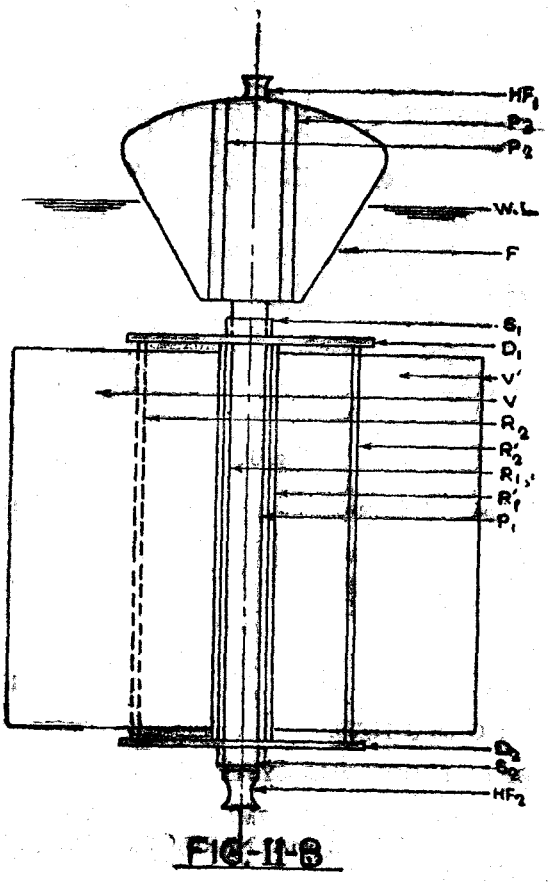


FIG-II-B

Compl. Specn. 8 Pages. Drgs. 2 sheets.

Cl. : 69-Q 172396

Int. Cl.: H 01 H 83/12.

A CIRCUIT BREAKER.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, U.S.A.

Inventor : ANDREW JAMES MALE.

Application No .540/Cal/1989 filed on 11th July, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

9 Claims

A circuit breaker comprising a housing have a base portion and a cover portion, one or more pairs of separable contacts disposed in said base portion, an operating mechanism including a trip bar for actuating said separable contacts; characterised in that a modular option deck disposed adjacent said trip bar having an aperture for allowing communication with said trip bar, a bracket with depending arms for carrying an option, one or more options each with an extending actuation lever, and a plurality of sets of slots integrally formed in said deck for sliglingly receiving said arms in said bracket and allowing said extending actuation levers to communicate with said trip bar.

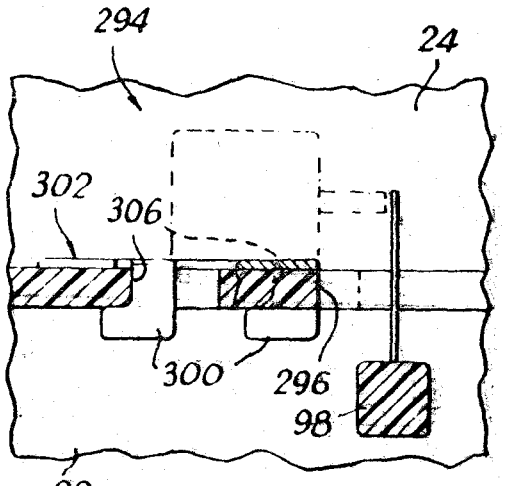


FIG-17

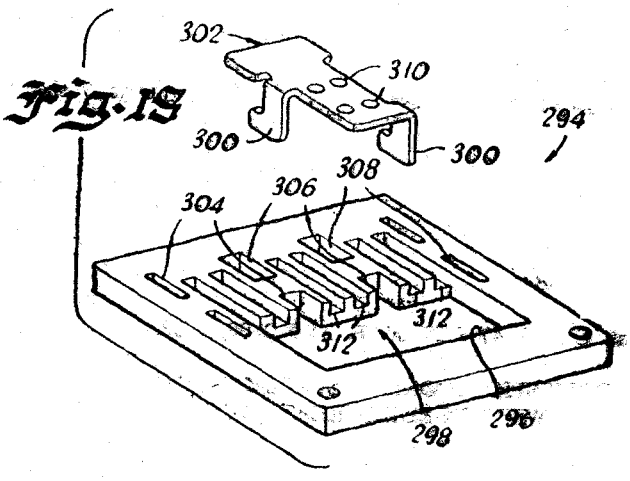


FIG-18

Compl. Specn. 25 Pages. Drgs. 7 sheets.

Cl. : 63 I, J 172397

Int. Cl.:4 H 02 M 5/14.

PHASE CONVERSION APPARATUS.

Applicant : HITACHI LTD., 6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) IKUO OISHI, (2) SHUJI AISAWA.

Application No. 785/Cal/1989 filed on 25th September, 1989.

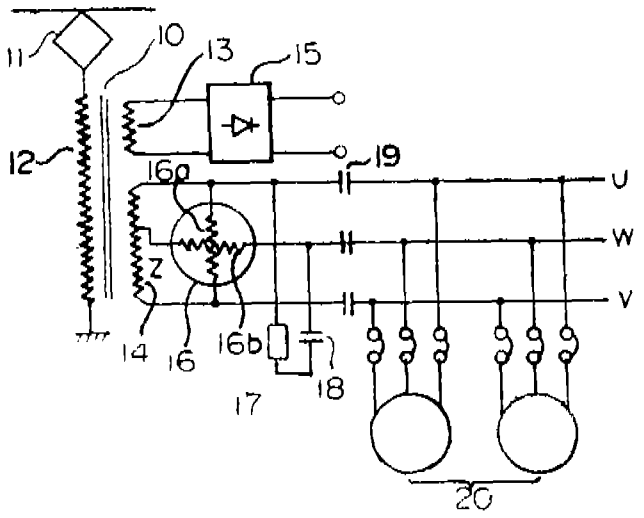
Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

4 Claims

A phase conversion apparatus comprising a phase con-verter of rotary type including a main winding and an auxiliary winding for converting single-phase a.c. power into three-phase a.c. power, and a transformer including a tertiary output winding supplying power to said phase converter, said tertiary output winding being provided with a single intermediate terminal located at a selected point so as to divide said tertiary output winding into a first winding portion having a larger number of turns and a second winding por-

tion having a smaller number of turns and the voltage regulation ε_V of said first winding portion of said tertiary output winding being selected to be larger than the voltage regulation ε_V of said winding portion.

Fig. 7



Compl. Specn. 19 Pages. Drgs. 7 sheets.

Cl. : 49-B 172398

Int. Cl. : A 47 J 27/00, F. 24 J 2/00, 2/02.

DOMESTIC COOKING SYSTEM UTILISING SOLAR HEAT, WITH IN-BUILT HEAT STORAGE ARRANGEMENT.

Applicant & Inventor : PUNYA BRATA CHAUDHURI, PLANK G. 26, 60219 NORRKOPING, SWEDEN.

Application No. 279/Cal/1990 filed on 3 April, 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

6 Claims

A domestic cooking system, utilising solar heat, with in-built heat storage arrangement, comprising a container removably placed in a thermally insulated casing, and filled with an exothermic chemical, such as herein described, capable of releasing heat, as and when mixed with water, means provided within the container for injecting water onto the said chemical, in controlled manner, a lid removably disposed on top of the container, to receive utensil thereon, the arrangement being such that the said removable container is capable of being heated, during it's non-working state, as and when required, for heating the resultant chemical product, yielded after release of heat by the reaction of the said chemical with water in use of the cooker, utilising solar heat from a solar heating system, such as herein described, for the purpose of recharging the exothermic chemical with heat energy.

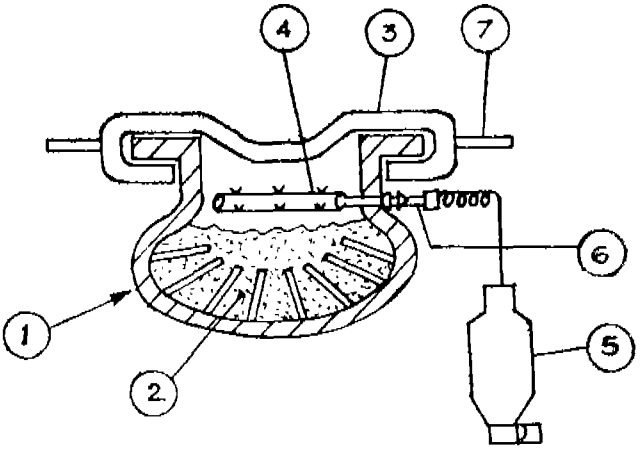


Fig. 1

Compl. Specn. 9 Pages. Drgs. 2 sheets.

Cl. : 29-A 172399

Int. Cl. : G 06 S 11/00.

A DATA PROCESSING SYSTEM.

Applicant : DIGITAL EQUIPMENT CORPORATION, 111, POWDERMILL ROAD, MAYNARD, MASSACHUSETTS 01754, U.S.A.

Inventors : (1) DAVID NEIL CUTLER, (2) DAVID ARTHUR ORBITS, (3) DILEEP BHANDARKAR, (4) WAYNE CARDOZA, (5) RICHARD THOMAS WITEK.

Application No. 131/Cal/1991 filed on 12th February, 1991.

(Divided out of No. 528/Cal/88 ante dated to 28th June, 1988).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

5 Claims

A data processing system comprising a vector operation unit (28) such as hereinbefore described said, data processing system characterised by :

a main memory unit;

a mass storage unit;

at least one issue unit for controlling execution of instruction;

a plurality of execution units for executing instructions in response to said issue unit, at least one of said execution units performing vector operations, wherein said data processing system uses a virtual addressing techniques; and

page fault detection apparatus for detecting missing data elements required by said issue unit for a vector operation

instruction, said issue unit suspending issuing instruction after detection of said vector instruction page fault, said issue unit permitting instructions in execution when said page fault is identified to complete execution.

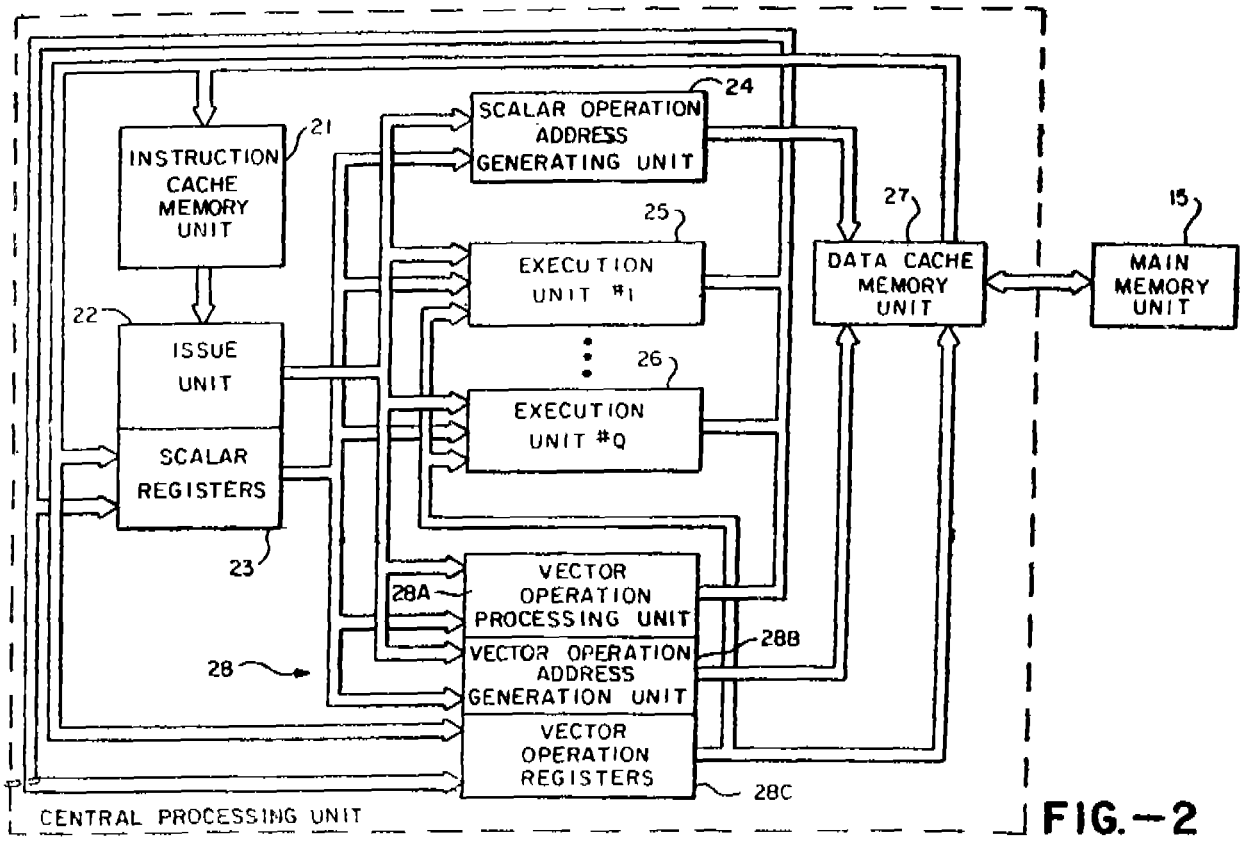


FIG.—2

Compl. Specn. 23 Pages. Drgs. 4 sheets.

Cl. : 32F 2 172400

Int. Cl. : C 07 D 235/00, 235/32.

PROCESS FOR THE PREPARATION OF NOVEL ANTI-HYPERLIPOPROTEINEMIC 5-BENZYL SUBSTITUTED BENZIMIDAZOLINE-2-THION DERIVATIVES.

Applicant : RICHTER GEDEON VEGYESZETI GYAR RT., H-1103 BUDAPEST, GYOMROI UT 19/21 HUNGARY.

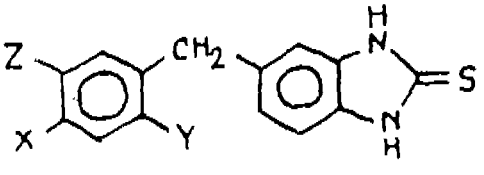
Inventors : (1) DR. KALMAN HARSANYI, CHEM.-ENG., (2) PETER TETENYI, CHEM.-ENG., (3) TAMAS NAGY, CHEM.-ENG., (4) ATTILA CSEHI, TEACHER, (5) DR. TIBOR GIZUR, CHEM.-ENG., (6)DR. BELA HEGEDUS, CHEM.-ENG., (7) DR. ANDREA MADERSPACH, PHARMACOLOGIST, (8) ANDRAS JAVOR, PHARMACOLOGIST, (9) DR. GYORGY HAJOS, PHARMOCOLOGIST & (10) DR. LASZLO SZPORNY, PHARMACOLOGIST.

Application No. 650/Cal/1991 filed on 2nd September, 1991.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

(6 Claims)

Process for the preparation of novel antihyperlipoproteinemic 5-benzyl substituted benzimidazoline-2-thion derivatives of formula I of the accompanying drawings wherein.



FORMULA I

X represents halogen atom, methyl, ethyl, methoxy or ethoxy group,

Y stands for hydroxy if X is methoxy or ethoxy, otherwise it represents hydrogen atom, methoxy or ethoxy group,

Z is methoxy or ethoxy group if X or Y represents methoxy group, ethoxy group, otherwise it is hydrogen atom,

which comprises reacting as herein described a 1,2-diamino benzene derivative of formula II wherein X, Y and Z are the same as defined for formula I, with a thiocarbonic acid derivative of formula III wherein

V and W independently represent chlorine atom or amino group, or

V represents a group of formula -me-S-, wherein me stands for an alkaline metal atom, then

W is methoxy or ethoxy group, or

V and W together represent a further sulfur atom or they individually stand for 1-imida-zolyl group.

Compl. Specn. 21 pages.

Drgs. 1 sheets

Ind. Cl.: 6A2 [XLVII (1)] 172401

Int. Cl.[4]: F16D 57/06, F 01 B 1/00.

IMPROVED GAS CAMPRESSORS FOR AIR BRAKING SYSTEMS.

Applicant: BENDIX LIMITED, A BRITISH COMPANY, OF DOUGLAS ROAD, KINGSWOOD, BRISTOL BS15 2NL, ENGLAND.

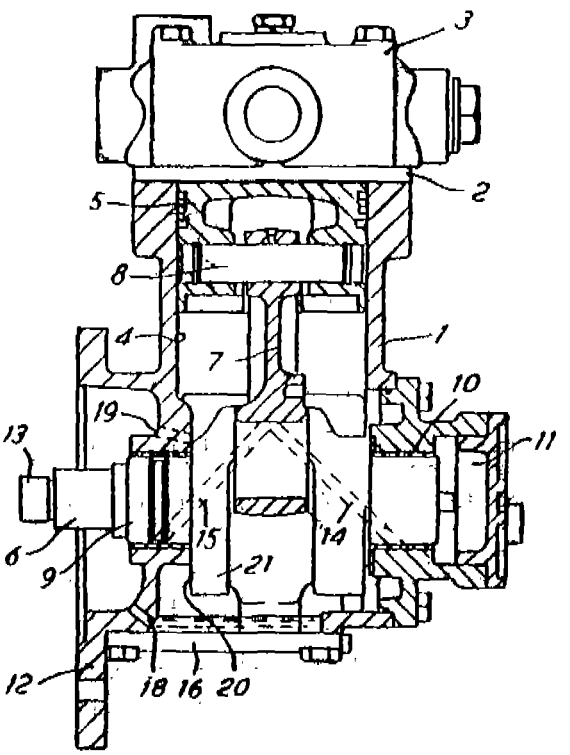
Inventors: JEREMY JAMES DURRANT, PATRICK RONALD OLIVER, NIGEL JAMES CARVER.

Application for the Patent No. 193/DEL/87 filled on 4th March, 1987. Convention Date March 14/86/8606381/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims-7)

An improved gas compressor for air braking system comprising a crankcase (1) and cylinder assembly having a rotatable crankshaft (6) connected to a piston by means of connecting rod (7) and crankpin (8) for reciprocating said piston (5) in said cylinder to alternatively cause induction and compression strokes, said crankshaft being rotatable in a bearing (9,10) supplied with lubrication from a lubricating source, a sump being provided in the lower part of the crankcase for collecting excessive lubricant draining from said bearing, said sump having a sump outflow passage (18) for resoving the lubricant and characterised by a valved passage which is a breather passage (19) having valve means for restricting said passage during predetermined portions of induction strokes to create pressure elevations in the crankcase so as to scavenge surplus lubricant therefrom via said sump outflow passage.



(Comp. Specn. 10 pages, Drwgs 2 sheets)

Ind. Cl.: 801 107G 172402

Int. Cl: F02M 17/00, 35/00.

A PANNEL FILTER FOR THE FILTERATION OF FLUID.

Applicant: POLYMER PAPERS LIMITED, AN INDIAN COMPANY, OF 12/6, MATHURA ROAD, FARIDABAD-121 003, INDIA.

Inventor: GURMIT SINGH.

Application for Patent No.: 362/DEL/88 filed on 27-4-1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 5)

A panel filter for filteration of fluid comprising a filteration media (C) consisting of pleats (E) made of impregnated filteration paper, end caps (A) being provided on all the sides of said panel for sealing said sides characterised in that a plurality of spacer rods (B) being provided along the length of the panel in parallel relationship to each other so as to provide equal distribution of said pleats across the width of the panel.

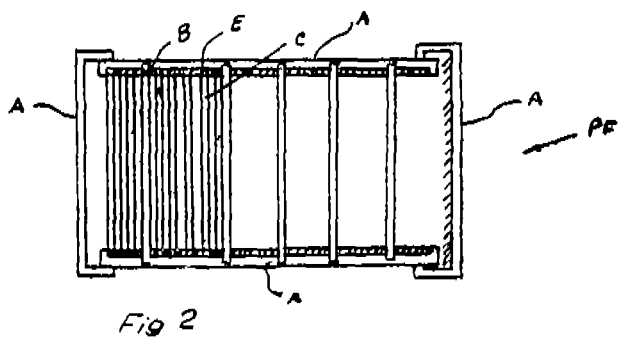


Fig 2

(Comp. Specn. 8 pages, Drwg 1 sheet)

Ind. Cl : 206 E 172403.

Int. Cl. : G06 F 7/00.

BUS TRANSMITTER CIRCUIT.

Applicant: DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MAYNARD, MASSACHUSETTS 01754, UNITED STATES OF AMERICA.

Inventor: DAVID STANELY GROUNDALSKI.

Application for Patent No. 290/DEL/88 Filed on 8th April, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 5)

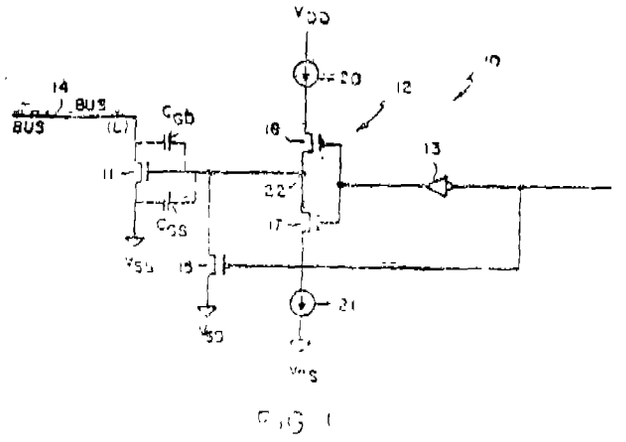
A bus transmitter circuit comprising :

A. a driver (11) having a MOSFET driver (11) transistor consisting of drain terminal connected to a bus line (14), a gate terminal connected to a control node and a source terminal connectable to a source power supply, said MOSFET driver transistor having a relatively high capacitance between its drain terminal and its gate terminal which substantially dominates other capacitances at said gate terminal to thereby provide a feedback path between said drain terminal and said control node; and

B. a control buffer (12) comprising a switched pull-up means having a pull-up transistor and a pull-up current source (20), and a switch pull-down, means having a pull-down transistor (17) and a pull-down current source (21), said pull-up transistor and said pull-down transistor (17) being connected to said control node, said switched pull-up

transistor (16) and said switched pull-down transistor being further connected to receive a data input signal to control the control node (22) of said driver in response to the condition of said data input signal, the respective current source controlling current through said pull-up transistor and said pull-down transistor to said control node for turning said driver on and off in a controlled manner,

Said feedback path providing a bidirectional path for current flow between said control node and said bus to selectively control the voltage level of a signal at said control node and thereby control the rate at which said driver turns on and off in response to said data input signal.



(Complete Specification 19 Pages Drawing sheet 1)

Ind. Cl. : 32 F 4. 172404

Int. Cl. : C 07 C 161/00.

A METHOD FOR PREPARING BASIC METAL DIHYDRO CARBYLPHOSPHORODITHIOATES.

Applicant (s) : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44093, UNITED STATES OF AMERICA.

Inventors : RICHARD YODICE, ALAN CURTIS CLARK.

Application for Patent No. 293/DEL/88 filed on 8 Apr 1988.

Appropriate office for opposition proceedings (Rule 4, of the Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

A method for preparing a basic metal dihydrocarbylphosphorodithioate wherein said method comprises reacting :

(A) at least one dihydrocarbyl phosphorodithioic acid or the normal or acid metal salt thereof; with

(B) at least one metal oxide or hydroxide wherein the metal is zinc, Copper, nickel, chromium, iron, cobalt, manganese, calcium, zarium, antimony, lead, aluminium or tin; in the presence of

(C) a catalytic amount as hereinbefore describe of at least one alkali metal hydroxide, oxide, carbonate or halide; alkaline earth metal hydroxide, oxide, carbonate or halide; or mixtures thereof;

wherein the metal of (C) is different from the metal of (B).

(Compl. specn. 38 pages, Drg. 1 sheet)

Ind. Cl. : 129 J. 172405

Int. Cl.[4] : B 21 B 1/00.

A LAYING HEAD FOR LAYING AN AXIALLY MOVING PRODUCT OF A ROLLING MILL.

Applicant : MORGAN CONSTRUCTION COMPANY, OF 15 BELMONT STREET, WORCESTER, MA. 01605, U.S.A., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, U.S.A.

Inventor : CAMILLE SAADALLAH NASRAH.

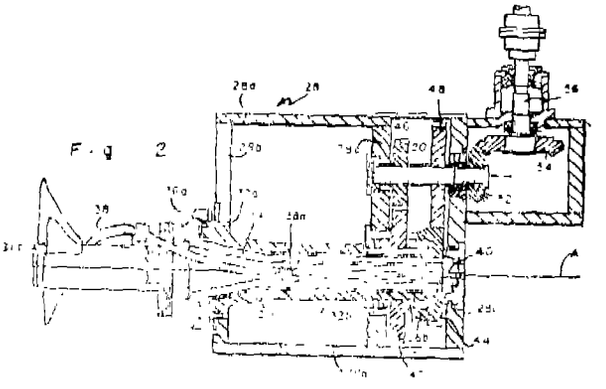
Application for Patent No. 30/DEL/88 filed on 11 Apr 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

10 Claims

A laying head for laying an axially moving product of a rollonig mill into a series of coils (24), the said laying head comprising :

a three dimentionally curved laying pipe (38) mounted for rotation about a predetermined axis, characterised in that the said laying pipe (38) is carried by hollow support member (30) for rotation relative thereto about the said axis, and the support member (30) is rotatably mounted in a fixed housing (28) of said laying head whereby the said pipe (38) and the said support member (30) are independently driven for rotation in the same direction about the said axis, the relative rotational speed of the laying pipe (38) to the housing (28) being equal to the sum of the rotational speeds of the laying pipe (38) to the support member (30) and the support member (30) to the housing (28).



(Compl. specn. 9 pages. Drg. 1 sheet)

Ind. Cl. : 40 BF. 172406

Int. Cl.[4] : B 03C 3/00.

DRY PROCESS ELECTROSTATIC PRECIPITATOR.

Applicant : DRESSER U. K. LIMITED, A BRITISH COMPANY, OF 197 KNIGHTSBRIDGE, LONDON SW1 1RJ, ENGLAND.

Inventors : CHARLES GRAHAM SMITH AND TERENCE BERNARD FOWLER COTTREEL.

Application for Patent No. 359/DEL/88 filed on 26-4-1988.

Convention date 15 May 1987/87114847/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A dry process electrostatic precipitator comprising a plurality of vertically spaced precipitator stages (12) within an upright cylindrical vessel (10), and ducting for passing a gas from an inlet (14) to an outlet (15) through the precipitator stages (12) in succession, characterised in that each precipitator stage has a dust hopper (20) connected to said precipitator stage and located beneath it, and dust chutes (22, 23) extend from the hoppers to discharge outlets (24, 25) at the bottom of the vessel.

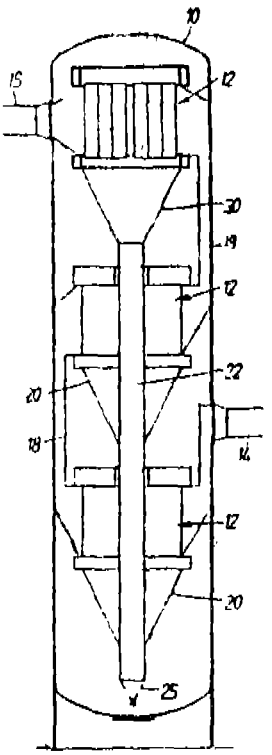


FIG. 1.

(Compl. specn. 6 pages. Drg. 1 sheet)

Ind. Cl. : 32-E. 172407

Int. Cl. : C 08 G 69/14, 69/00.

A PROCESS FOR THE MANUFACTURE OF PIGMENTED POLYCAPROAMIDE.

Applicant : SIR PADAMPAT RESEARCH CENTRE, A DIVISION OF J. K. SYNTHETICS LTD., JAYKAY NAGAR, KOTA-324 003, INDIA, (RAJASTHAN). (A SOCIETIES REGISTRATION UNDER THE SOCIETIES ACT).

Inventors : NARESH DUTTA SHARMA, BOMMU VENKATESWARA RAO, PURUSHOTTAM SHARMA, RADHA BALLABH SHARMA, ASHOK KUMAR JAIN AND VIJENDRA KUMAR KACHHAWAY.

Application for Patent No. 361/Del/88 filed on 27-4-1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A proces for the preparation of polycaproamide or its copolymers containing a pigment which comprises in preparing a reaction mixture, subjecting said reaction mixture to the step of polymerization to obtain a polymer or copolymer, said reaction mixture comprising caprolactam, water, a catalyst and a pigment as herein described in a particulate form, characterized in that said catalyst is hexamethylene diammonium adipate (AH salt) being present in an amount of 0.5 to 25% by weight of the reaction mixture so as to allow a rapid increase in the viscosity of the reaction mixture during the initial period of said reaction and, thereby, avoid the agglomeration of the pigment.

(Compl. specn. 21 pages).

Ind. Cl. : 116 G. 172408

Int. Cl. : B 66 B 11/04, 15/08, 123/02.

AN ELEVATOR DRIVE.

Applicant(s) : OTIS ELEVATOR COMPANY, A CORPORATION OF THE STATE OF NEW JERSEY, UNITED STATES OF AMERICA, LOCATED AT TEN FARM SPRINGS, FARMINGTON, CONNECTICUT 06032, UNITED STATES OF AMERICA.

Inventor(s) : ALFONSO GARRIDO AND FERNANDO RICO.

Application for Patent No. 380/DEL/88 filed on 2 May 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

An elevator drive comprising an electric motor (12), a worm gear (30) conected to the motor (12), a drive gear (20) connected to the worm gear (30), said worm gear (30) and drive gear (20) being rotated about respective axes which are perpendicular to each other, and a shaft (22) attached to the drive gear (20) for rotation therewith, characterised in that the drive has a one piece casing (14) containing the worm gear (30), drive gear (20), and shaft, a pair of bearing (32, 36) mounted in aligned openings (50) in the casing (14), said bearings (32, 36) supporting opposite ends of said shaft (22), a thrust plate (40) bolted to one end of the shaft (22) adjacent the drive gear (20), said thrust plate (40) pushing an inner race of one of said bearings (36) toward the drive gear (20) to force the drive gear (20) tightly onto the shaft (22).

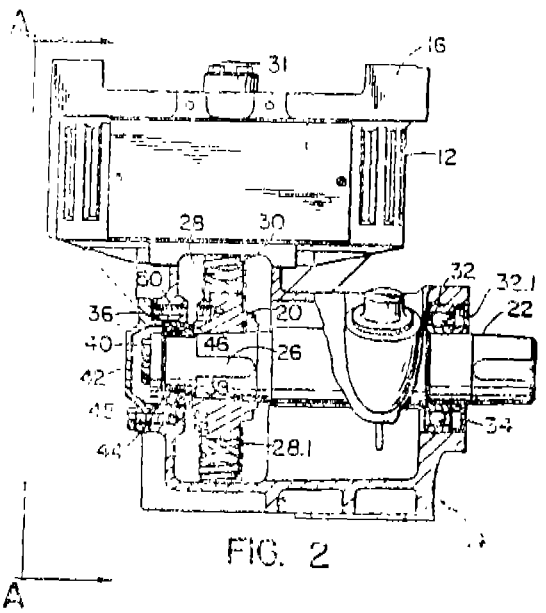


FIG. 2

(Compl. specn. 10 pages. Drgs. 3 sheets.)

Ind. Cl. : 129 Q 172409

Int. Cl. : B 23 K 23/00.

METHOD FOR THE MANUFACTURE OF WELD-BONDED ALUMINIUM ARTICLES.

Applicant : ALCAN INTERNATIONAL LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF CANADA, OF 1188 SHERBROOKE STREET WEST, MONTREAL, QUEBEC, CANADA.

Inventor(s) : MARK WILLIAM PUDDLE, NIGEL CLEATON LAVIES, WILLIAM FRANCIS MARKWICK, PETER GEOFFREY SHEASBY.

Application for Patent No. 381/Del/88 filed on 3 May, 1988.

Convention date 13-5-87/8711295/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

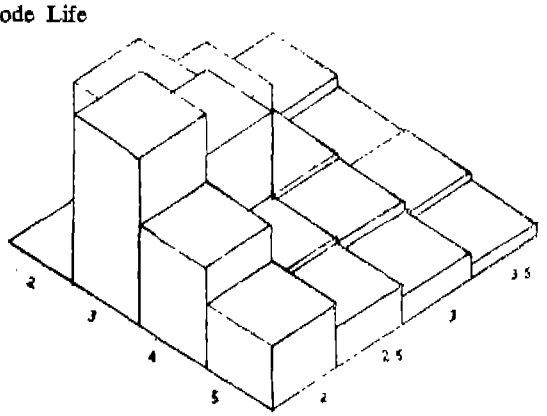
A method for the manufacture of weld-bonded aluminum articles such as automotive bodies from aluminium workpieces which have an artificially applied strongly adherent coating on their surfaces at least at the location of the intended weld, which method comprises :

providing between faying surfaces of said workpieces a curable adhesive of the kind described herein containing upto 40% by weight of particulate filler such as herein described having a maximum particles size of 300 microns, said adhesive being sufficiently fluid to be pushed aside under resistance welding conditions;

resistance welding said faying surfaces by means of a welding electrode the tip of which has a surface with an average roughness depth R_z of at least 10 microns; and

curing said adhesive to provide the desired weld-bonded article.

Electrode Life



3-D Schematic of trials on Lubricated Factory treated ACC C Sheet with adhesive using sand Blased Electrodes.

(Compl. specn. 23 pages. Drg. 1 sheet.)

Ind. Cl.: 145 D 172410

Int. Cl.[4] : B 31 F 1/14, 1/22, 1/24.

A PLEATING MACHINE FOR CAUSING A FORMATION OF PLEATS.

Applicant: POLYMER PAPERS LIMITED, AN INDIAN COMPANY OF SUNLIGHT BUILDING, 1/28, ASAF ALI ROAD, NEW DELHI-110 002.

Inventor: GURMIT SINGH.

Application for Patent No. 401/Del 1988 filed on 6 May 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 9

A pleating machine for causing the formation of pleats on a cellulosic web comprising:

(a) a main frame for supporting a drive means;

(b) means consisting of pullies (53 & 54) and gears (13) being connected with said drive means (49) for imparting a movement of a pair of blades (18 & 19) characterised in that;

(c) a pair of blades is secured to the knife bars (16 & 17) being secured to the vertical slides (20) supported on said main frame and having a movement by means of a cam driven by said drive means for causing the formation of pleats on said web and for advancing the web;

(d) a feeding table (50) having means consisting of a leaver (31) and guide plate (41) for raising or lowering of upper heater plate (28) with respect to the lower heater plate (26) being provided on one side of said main frame for supporting a pair of input pre-heater plates (28-29) for heating of the web prior to formation of the pleates;

(e) a discharge table (37) provided on the opposite side of said main frame and having a pair of discharge heater plates for heating of the pleated web.

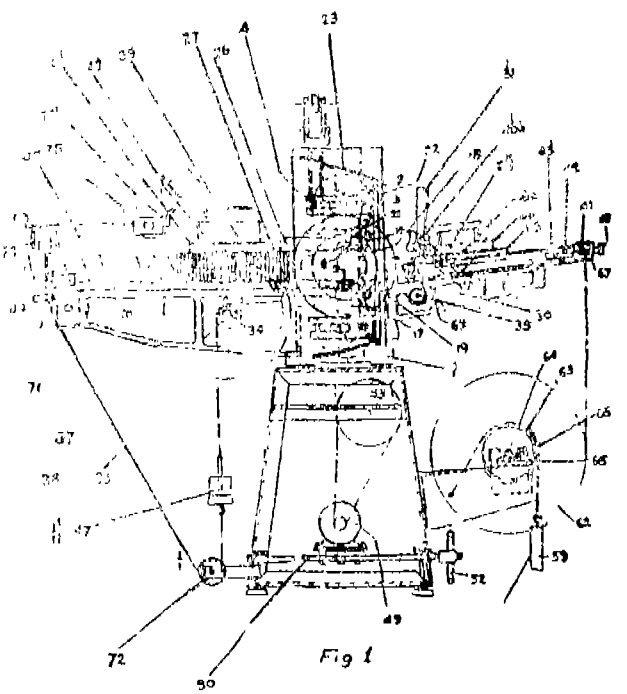


Fig 1

(Compl. Specn. 11 pages. Drg. 2 sheets.)

Ind. Cl.: 161C. 172411

Int. Cl.[4]: B01J 2/00.

A METHOD FOR THE PRODUCTION A SUBSTANTIALLY RIGID MATRIX FROM A SEMI SOLID AGGLOMERATION OF MATERIALS COMPOSED OF SOLIDS AND LIQUIDS.

Applicant: SOLI-TECH, INC. A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF MICHIGAN, UNITED STATES OF AMERICA, OF 2377 SOUTH TWO MILE ROAD BAY CITY, MICHIGAN 48706, USA.

Inventor: TYRUS WAYNE HARTLEY AND DWIGHT NEAL HARTLEY.

Application for Patent No. 428 Del 87. Filed on 18 Mar 1987.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 13

A method for the production of a substantially rigid matrix from a semi-solid agglomeration of materials composed of solids and liquids, useful for providing landfill or underground support for tractors and other machinery employed in farming land which comprises:

confining said agglomeration within a pit excavated within the land to be formed, said pit being provided with a moisture impervious lining and having a depth greater than the depth of the agglomeration;

maintaining said agglomeration within said pit until the heavier solids content thereof settles to the bottom and the excess liquid content accumulates on top of said heavier solids content;

removing in any known manner substantially all of said excess liquid content;

adding to the remaining heavier solids content of said agglomeration a predetermined amount of (a) a meal composed of cement kiln dust as a hygroscopic powder and cementitious binder such as herein described and (b) an aggregate, said predetermined added amount being insufficient to overflow said pit;

mixing said heavier solids content, said meal and said aggregate to form a substantially homogenous mass, so that

said mass is cured to form the desired substantially rigid matrix.

Compl. Specn. 18 pages. Drwg. 1 sheet.

Ind. Cl. : 137 E XIII. 172412

Int. Cl.: B 29C 39/00, 39/20, 39/38.

PROCESS AND APPARATUS FOR THE CONTINUOUS PRODUCTION OF FIBRE-REINFORCED PLASTIC HOLLOW SECTIONS PARTICULARLY SUITABLE FOR PRODUCING PIPES OF CIRCULAR CROSS-SECTION AND FIBRE REINFORCED HOLLOW SECTIONS PRODUCED THEREBY.

Applicant : FTA FUTURTECH AKTIENGESELLSCHAFT, A LIECHTENSTEIN COMPANY, OF AUSTRASSE 52, FL-9490 VADUZ, LIECHTENSTEIN.

Inventor : NORBERT LONA.

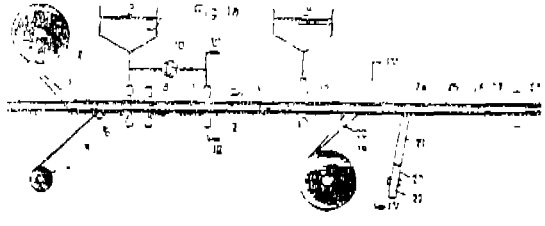
Application for Patent No. 40 Del 87. Filed on 18 Jan 1988. Convention date 22 Jan 87/67930/87/AUSTRALIA.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 20

Process for the continuous production of fibre-reinforced plastic hollow sections particularly suitable for producing pipes of circular cross-section in which a separating film (3), an inner gel coat layer and a first fibre material layer (20, 21) are applied round a stationery mandrel (1), subsequently further layers (34, 37) of fibre material and liquid plastic are placed round the first fibre material layer (20, 21), and the hollow section is calibrated in a forming tool (40) and subsequently heated, so that the plastic hardens, and in which the hardened hollow section is drawn off continuously from the mandrel (1) by a grab device (52) and is finally cut to length, characterised in that the inner gel coat layer is coated onto the separating film (3) on the mandrel (1) and is partly gelled by heating, in that the first fibre material layer (20, 21) together with liquid plastic is laid onto the inner gel coat layer in an overlapping manner, and in that, before the further layers (34, 37) of fibre material are applied, the hollow section is heated and the plastic in the first fibre material layer (20, 21) is hardened.

9. Apparatus for use in carrying out the process for the continuous production of fibre-reinforced plastic hollow sections particularly suitable for producing pipes of circular cross-section as claimed in claim 1 comprising a stationary mandrel (1), a feed device (2) for a separating film (3), a device (7, 11) for coating an inner gel coat layer onto the separating film (3), a fed device (19, 23) for a first fibre material layer (20, 21), further feed devices (31, 33, 38) for further fibre material layers (34, 37) and liquid plastic, a calibrating device (40), a first heating device (50), a grab device (52) for continuously drawing off the hollow section from the mandrel (1), and a crosscutting device (53), characterised in that, along the draw-off direction of the hollow section, the device (7, 11) for coating on the inner gel coat layer round the mandrel (1) and a second heating device (12) for partly gelling the gel coat layer are provided behind the separating-film feed device (2) and a third heating device (24, 25) for hardening the gel coat layer and making the hollow section self-supporting is provided behind the feed device (19, 23) for the first fibre material layer (20, 21), and in that the mandrel (1) is set off behind the third heating device (24, 25) and in front of the further feed devices (33, 38) for further fibre material layers.



(Compl. Specn. 20 pages. Drwg sheets 3)

Ind. Cl.: 206 A. 172413

Int. Cl.[4]: H01Q 1/00.

DEVICE FOR ROTATING AND SETTING ANTENNA IN MORE THAN ONE DIRECTION.

Applicant & Inventor : HARKUNDAN SINGH MARWAHA, RESIDENT OF V. & P.O. PURHIRAN TEHSIL AND DISTRICT HOSHIARPUR-146 001, INDIAN NATIONAL.

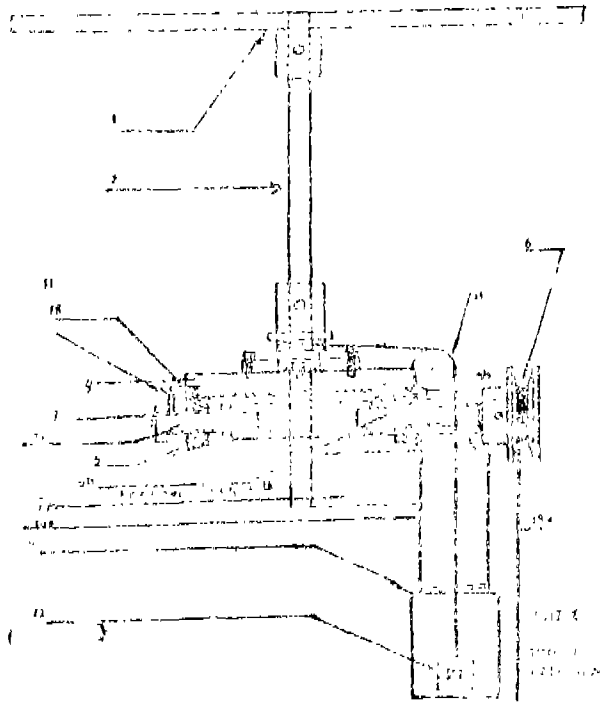
Application for Patent No. 265 Del 88 filed on 24 Apr. 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 5

A device for rotating and setting T.V. antena in more than one direction comprising a controlling device and rotating device, said rotating device having adopter strip welded or screwed on a verticle shaft (2), the other end of said shaft

is connected to boss and pulley through flanged coupling (3) to a bevel gear (4) meshing with two bevel pinnions (5, 5b) the outer one (5) fixed on an axle (7a), the inner one fixed on a shaft (5a), the other end of said shaft (5a) is connected to a pulley drum (6), the axle (7a) and shaft (5a) are fixed on a cast iron frame, a verticle axle (7a) passing through the centre of said cast iron frame as well as bevel gear (4) is connected by known means to a pipe (10a) with divertion pulley (11) clamped at the other end of said pipe, a card having more than one turn on the flanged pulley, one end of which is tied to hole in the collar of pulley, the other end running over divertion pulley (11) and passes in a pipe (10a), a weight of substantially 2.5 Kg. is tied to said end, another cord (13a) having more than one turn in grooved pulley (6) is tied on the collar and the other end goes down ward to a controlling device (fig. 2) having three grooved pulley (23) of different diameter is mounted on the axle (27), a dial (28) with a pointer (17) fixed at the centre with conical spring (18), said three grooved pulley (23) mounted on a base frame (26), rotating a controlling disc (19), in clockwise and anticlockwise direction, said disc (19) connected by means of rubber belt which in turn further controlling the rotation of pulley drum (6) of the antena rotating device connected by means of cord (13a), another weight of substantially 0.5 Kg. is suspended in alluminium square channel (21) to the other end of cord (13a) coming from rotating device and passing over pulley (23).



(Comp. Specn. 10 pages. Drwg sheets 2)

Ind. Cl.: 206 E LVII. 172414

Int. Cl.: G 06 F 13/00.

DIGITAL COMPUTER APPARATUS.

Applicant: DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MAYNARD, MASSACHUSETTS 01754, UNITED STATES OF AMERICA.

Inventor: JOHN KIRK, GEORGE H. LORD.

Application for Patent No. 404/Del/88 filed on 6 May 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 9

Digital computer apparatus comprising;

Memory means (22) for storing video data in a plurality of addressable video data storage locations in said memory means, (22) said memory means (22) having an addres input for receiving an addres identifying a said storage location in said memory means; (22).

Video means (25) coupled to said memory means (22) for displaying video data received from said memory means; (22)

a plurality of memory utilization means (23, 24) coupled to said memory means (22) for transferring information to and from said memory means (22);

arbitration means (30) coupled to said plurality of memory utilization means (23, 24) for enabling one of said memory utilization means (23, 24) to initiate an information transfer with said memory means, (22)

global timing means (10) connected to said arbitration means (30) and for generating a global timing signal,

a memory controller, (30) coupled to said memory means (22) and said plurality of memory utilization means (23, 24) for controlling access by said plurality of memory utilization means (23, 24) to said memory means (22) and for controlling said memory means (22) to transfer the video data stored in a predetermined portion of said video data storage locations to said video means (25).

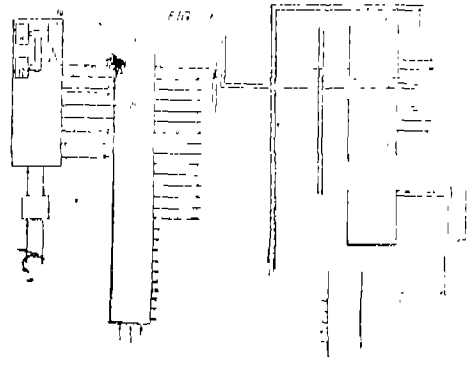
wherein said memory means (22) has:

a video address generator (52) for generating a video address that identifies the predetermined portion of said video data storage locations that contain video data to be transferred to said video means (25) and

coupling means (61) connecting said video address generator (52) and said address input, for coupling the video address generated by said video address generator to said address input,

a video timer circuit (62-71) coupled to receive the global timing signal, for generating a video transfer enable signal, and

a control circuit (51) responsive to said video transfer enable signal and coupled to said video address generator, (52) said coupling means, (61) said memory means, (22) and said video means, (25) for providing a first control signal to cause said memory means (22) to transmit to said video means (25) the video data stored at the pre-determined portion of said video data storage locations in said memory means (22) identified by the video address generated by said video address generator, (52) for providing a second control signal to cause said video means (25) to receive the video data, and for inhibiting access by said memory utilization means (23, 24) to said memory means (22) while video data is transferred from said memory means (22) to said video means (25).



(Comp. Specn. 49 pages Drwg 2 sheets)

Ind. Cl.: 206 E LXII. 172415

Int. Cl.: C06 F 12/06.

A MEMORY MODULE FOR CONNECTION TO A PROCESSOR.

Applicant: DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF MASSACHUSETTS UNITED STATES OF AMERICA OF 146, MAIN STREET, MAYNARD, MASSACHUSETTS 01754, UNITED STATES OF AMERICA.

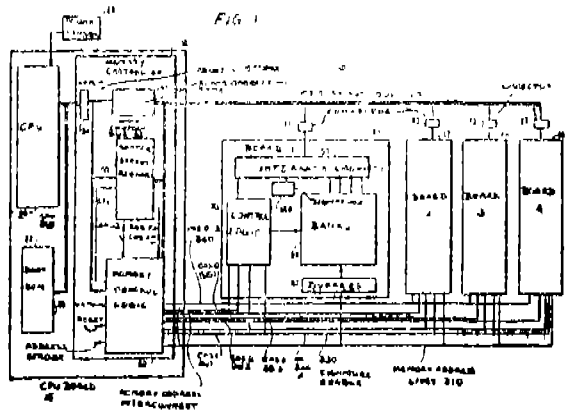
Inventors: DAVID KEITH MORGA.

Application for Patent No. 405/Del/88 filed on 6 May 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A memory module for connection to a processor said memory module comprising storage means (99) for storing memory data in and for retrieving stored memory data from locations corresponding to memory addresses received on a memory bus (65) for coupling the memory module to said processor; signature means (160) for storing configuration data identifying a specific one of a plurality of configurations of said storage means; (99) at least one multiplexer means, (170) coupled to said storage means (99) and said signature means (160) for transferring to the processor when the multiplexer means 170) is activated, either said memory data or said configuration data in response to multiplex control signals, and control means, (172) coupled to said multiplexer means. (170) for generating the multiplex control signals from the memory addresses on said memory bus (65) thereby causing said multiplexer means, (170) when activated, to transfer the memory data or the configuration data to the processor.



(Compl. specn. 42 pages Drgs. 12 sheets)

Ind. Cl. : 39E 172416

Int. Cl : C01F 11/00, 17/00,
C01G 3/02.

A PROCESS FOR THE PREPARATION OF ORIENTED POWDER OF SUPERCONDUCTING Y $BA_2CU_3O_7$-§ COMPOUND.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA AND INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : PARTHA SARATHI MUKHERJEE, SIMON AUGUSTINE, ALATHUR DAMODARAN DAMODARAN.

Application for Patent No. 415/Del/88 filed on 10 May 1988.

Complete Specification left on 3 October, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the preparation of oriented powder of super conducting y $Ba_2Cu_3O_7$-§ compound which comprises sieving powder of Y_2O_3, $BaCO_3$ and Cuo through 300 mesh size sieve, mixing the powders in the stoichiometric proportion of Y : Ba : Cu = 1.1 : 1.9 : 3 in the presence of any non-polar solvent, pressing the resultant mixture under pressure as herein described in to the form of a pellet, heating the pellet between 920–950°C for 24 hours and cooling at the rate of 1–2°C/per minute, anealing the pellets at a temperature in the range of 500° to 700°C, quenching it in air at room temperature and again annealing it to a temperature between 500° and 700°C and again quenching it in air at room temperature.

(Provisional specn. 5 pages Drgs. 5 sheets)
(Complete specn. 7 pages)

Ind. Cl. : 36A 172417

Int. Cl : F04C 2/00.

AN IMPROVED PUMP FOR USE IN DESERT COOLERS.

Applicant : U.P. NATIONAL MANUFACTURERS PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT RAMKATORA ROAD, VARANASI, UTTAR PRADESH.

Inventors : SHAILESHWAR ROY.

Application for Patent No. 422/Del/88 filed on 22 May 1988.

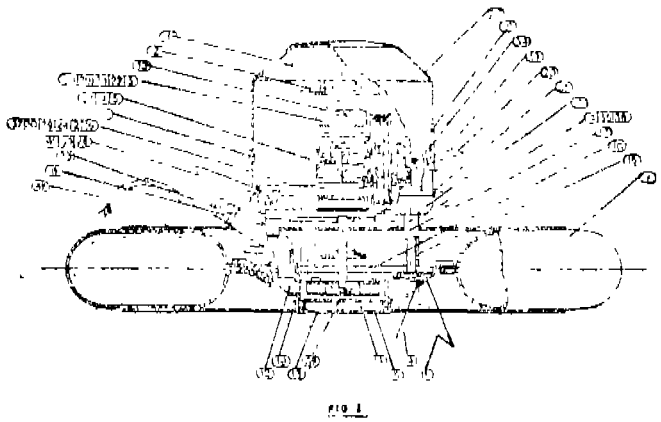
Complete Specification left on 14 December 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

An improved pump for use in desert coolers containing motor assembly (1) float assembly (2) and pump assembly, (3) characterised in that the motor in the motor assembly is rigidly attached to a float member in the float assembly on the upper side of the said float member through means of a flange 7) which being an integral part of the motor assembly; the said flange being at the level of the half plane of the said float member, the said float member (9) adapted to move vertically influenced by the water level in the tank or horizontally over the water surface in the tank, the vertical or horizontal movement of the float member moving the motor assembly rigidly attached to it so that a safe distance is always maintained

between the motor assembly and the water level; the said motor having a projecting shaft length approximately half the thickness of the float member, the pump assembly being beneath the float member.



(Provisional Specn. 7 pages. Drgs. 3 sheets)
(Complete specn. 8 pages).

Ind. Cl. : 206 B LXII 172418

Int. Cl.[4] : H04 B 1/00.

AN ORTHOGONAL-POLARIZATION DUPLEX SEND-RECEIVE MICROWAVE HEAD.

Applicant : ALCATEL N.V A DUTCH BODY CORPORATE OF STRAWINSKYLAAN 535 1077 XX AMSTERDAM (THE NETHERLANDS).

Inventor(s) : JEAN-CLAUDE CRUCHON, FRANCK FONTAINE AND MICHEL BRUSIDOU.

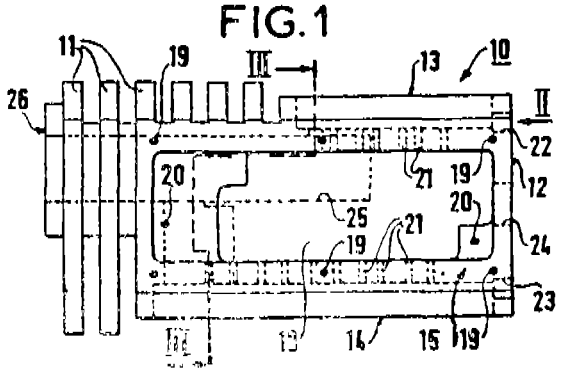
Application for Patent No. 500/Del/88 filed on 7 June 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

An orthogonal polarization duplex send-receive microwave head comprising an alongate housing (10) provided at one end (26) thereof with a longitudinal bore extending partially through said housing (10) and terminating in an inside end and providing a first waveguide, (25) a transverse bore providing a second waveguide (28) having a free end and an end coming into the first waveguide, (25) a receive antenna (44) situated in said first waveguide (25) at a location between the inside end of said first waveguide (25) and the location between the inside end of said first waveguide (25) and the location at which said second waveguide (28) comes therein, a transmit antenna (45) situated in the second waveguide (28) at side free end, a respective coaxial connector (41, 42) conneting each of said antennas, (44, 45) and a metal plate (31) disposed longitudinally in the first waveguide (25) between two transverse planes containing the two antennas (44, 45).

FIG.1



(Compl. specn. 12 pages Drgs. 2 sheets)

Ind. Cl. : 144 E_3+_4 XII (3) 172419

Int. Cl.[4] : B26E 21/00, C23C 14/12, 14/28, 22/28.

PROCESS FOR THE PREPARATION OF A HYDROPHILLIC COATING MATERIAL HAVING GOOD SLIDING ABILITY IN WET CONDITION.

Applicant : WILKINSON SWORD GESELLSCHAFT MIT DESCHRANKTER HAFTUNG, A GERMAN COMPANY OF 5650 SOLINGEN 1, SCHUTZSTRABE 110, FEDERAL REPUBLIC OF GERMANY.

Inventor(s) : WOLFGANG ALTHAUS, JOCHEN THONE AND HELMUT RITTER.

Application for Patent No. 540/Del/88 filed on 21 June 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

A process for the preparation of a hydrophillic coating material having good sliding ability in wet condition which comprises mixing together a water-soluble polymer or compolymer such as herein described, one or more radically polymerisable vinyl monomers such as herein described and a photo-initiator such as herein described and exposing the mixture so formed to ultra violet radiation to harden it to form the desired hydrophillic coating material.

(Compl. specn. 10 pages Drg. 1 sheet)

Ind. Cl. : 143 D_4 172420

Int. Cl.[4] : A01 F 25/16, B65 D 85/00.

VACUUM ENSILING PROCESS FOR STORING PRODUCTS.

Applicant : YVES DE COSTER, A BELGIAN CITIZEN OF 23 BEUKENDREEF, 2550 KONTICH, BELGIUM.

Inventor : YVES DE COSTER.

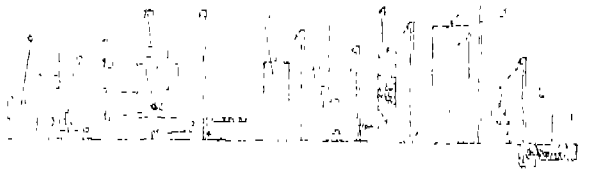
Application for Patent No. 570/Del/88 filed on 5 July 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

2 Claims

A vacuum ensiling process for storing products such as foodstuff characterised by said process comprising in the first stage precleaning the product to be stored in a cleaning unit (15) to separate impurities therefrom, storing the product so obtained in transition siles, (3) drying said product in a drying unit, (15) cleaning said dried product in a final cleaning unit (15) and reserving said cleaned and dried product in an interim hopper, (6) the second stage comprising providing ensiling modules (8) by extruding from an extruder means a mixture of polyethylene and accessory products and recycling residues of said modules (8) to a grinding unit (15) for reusing said residues with said mixture of polyethylene and acceassory products, the third stage comprising weighing said cleaned and dried product present in the interim hopper, (6) degassing said product in a degassing ante-chamber, (11) inserting said moduled in a sack-filling enclosure having a packaging chamber, (13) producing vacuum in said chamber (13) so that pressure of the antechamber (11) and said chamber (13) are blanced, said modules (8) being filled gravitationally with said product sealing said

modules (8) containing said product by a sealing unit, (15) re-establishing atmospheric pressure in the chamber (13) and opening it to remove said modules (8) containing said product, and conveying said modules (8) to a storing area.



(Compl. specn. 9 pages Drg. 1 sheet).

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :—

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PATENT SEALED,

ON 18-6-1993

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170365* 170426 170479* 170491 170633 170634 170635
170720 171010*D.

Cal-8, Mas-8, Del-2, & Bom-3.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patent Act, 1970 from the date of expiration of three years from the date of Sealing.

D—DRUG PATENT.

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of the registration except as provided for in Sec. 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration of the designs included in the entry.

Class 1. No. 165077. Rustom Gandhi, Indian of 8 Hastings Road, Allahabad-211 001, U.P., India. "Sheath and Jacket cutter". December 9, 1992.

Class 3. 164953 & 164954. Lallubhai Amichand Ltd. of 48/50, Kansara Chawl, Kalbadevi Road, Bombay-400 002, Maharashtra, India. "Handle for Utensils". November 11, 1992.

Class 3. No. 164960. Natesan N. Jagannathan, Plot 1258, Golden Colony, Mugappair Road, Padi, Madras-600 050, Tamil Nadu, India, Indian Nationality. "Violin". November 11, 1992.

Class 3. No. 165241. Pepsico, Inc. of 700 Anderson Hill Road, Purchase, New York, U.S.A. "Bottle". February 1, 1993.

Class 3. No. 165523. Choudhary Plastic Works of 4232, Gali Barna, Salar Bazar, Delhi-110 006, India, Indian Proprietory Firm. "Film viewer". April 13, 1993.

Class 3. No. 165048. Neycer India Ltd., Indian Company of 52, Chamiers Road, Madras-600 028, T.N., India. "Cistern". November 27, 1992.

R. A. ACHARYA

Controller General of Patents Designs and Trade Marks

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